

## **ABSTRACT**

A mobile electronic device has a thumbwheel subassembly having measurable rotatable and depressible input movements, for example, rolling the thumbwheel up, rolling the thumbwheel down and pushing the thumbwheel inwards. Pushing the thumbwheel with a measurable component of downward force may result in inadvertent rolling of the thumbwheel down. Software or hardware may be used to cancel the inadvertent rolling of the thumbwheel down when the timing of the push and the roll are too close. The thumbwheel assembly may be oriented in the device so that the direction of depressible input movement of the thumbwheel is substantially aligned with the direction of the push by a user's thumb or finger that includes a measurable component of downward force.